

ABSTRACT

The present invention relates to a method improving the ratio of the useful-signal power to the power of interference signals at an antenna (ANT) which comprises at least one sensor (C_1 through C_N) and is characterized in that it consists in filtering the output signal of said antenna (ANT) using a filter (W) of which the transfer function $\{W(t), W(t, f)\}$ equals the ratio of two linear functions of the power $\{\hat{p}_y(t), \hat{p}_y(t, f)\}$ at the output of the antenna (ANT) to the power $\{\hat{p}_x(t), \hat{p}_x(t, f)\}$ at the input of the antenna (ANT). The invention also relates to antenna processing systems and methods.